SPECIFICATIONS FILE

arvey

CONTROL TAPES

AUTOMATION

COMPUTER PROGRAMMING

*REINFORCED**

EQUIPMENT TESTING

DATA PROCESSING

**LAMCOTE By Arvey Corporation*

arvey
Since 1905

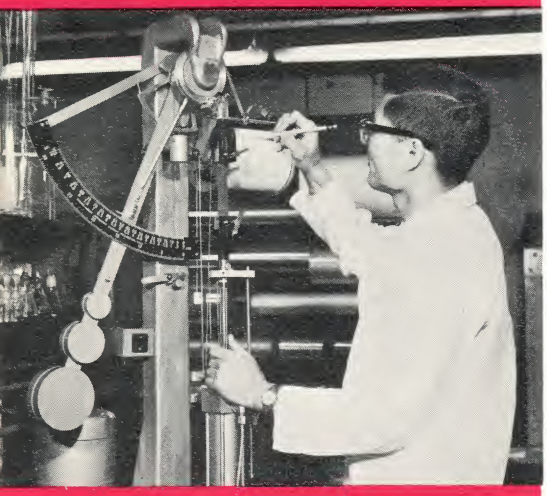
REINFORCED CONTROL TAPES

for photoelectric and electro-mechanical readers...

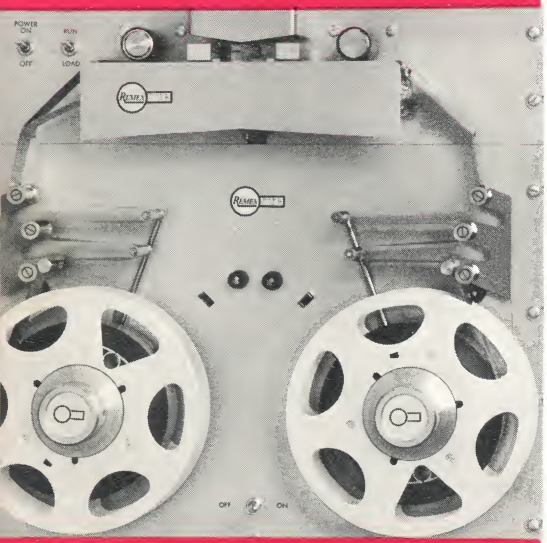
IN DEMAND WHERE *PRECISION PERFORMANCE COUNTS MOST!*

OFFICIAL USAF PHOTO

Arvey tapes were used in the systems of the historic "Atlas" missile and other government defense projects demanding perfect performance.



Every roll of Arvey tape is multi-checked for elongation, tensile and tear strength, uniformity of surface and opacity, using the most modern testing equipment.



Arvey control tapes are specified by leading manufacturers of photoelectric and electro-mechanical readers. When new specifications are required, Arvey meets them first.

Unequaled experience, production efficiencies and extremely sensitive standards of quality control make it possible for Arvey to produce the most consistently dependable range of perforator control tapes obtainable.

It is a fact that Arvey tapes have literally become the quality standard for the industry. They are specified by leading manufacturers of computer programming, data processing, testing and other types of automation equipment. Arvey tapes were used in the systems of the "Atlas," "Minuteman," "Polaris," and other defense projects demanding the ultimate in precision performance. They continue to play an increasingly critical role in other defense projects, where structural failures can not be tolerated.

Arvey's enviable reputation is hard-earned and maintained at all levels of production and sales. It is supported by constant research and development and close contact with systems manufacturers and end-users. When new tape specifications are required, Arvey meets them first . . . every time . . . better than anybody.

Physical Properties . . .

Arvey tapes are available in standard colors; widths $11/16''$, $7/8''$ and $1''$; in thicknesses ranging from .0043″ down to .0015″. Only Arvey has been able to produce "ultra-thin" thicknesses, permitting up to $33\frac{1}{3}\%$ more continuous program footage, within reel size limitations. Tape is supplied in continuous-length rolls WITHOUT splices.

All Arvey tapes are designed to meet the most rigid requirements for high-speed photoelectric and electro-mechanical readers. After perforation, they can be read indefinitely. There is no elongation or deformation of code or feed holes. Changes in relative humidity will not cause Arvey tapes to swell, contract or expand or to be otherwise adversely affected. They are opaque to both infra-red and visible light.

Samples Available For Your Testing Purposes . . .

Let us know which Arvey tapes you would like for testing purposes. We will be pleased to send them without charge. Send your request through our sales office nearest you, listed on the back of this folder.

SPECIFICATIONS

Mylar®* reinforced perforator tape; splice-free continuous rolls available in standard widths- 11/16", 7/8", 1" ± .003", 2" I.D. core. (Other widths available on special order.)

ARVEY CONTROL TAPES	CATALOG NUMBERS						
	R-V-CT49	R-V-CT55	R-V-CT52	R-V-CT52H	R-V-CP28	R-V-CZ60	R-V-CP23
THICKNESS (± .0003")	.0015	.002	.0026	.003	.0034	.0037	.0043
TYPE	Mylar (Metalized)	Mylar (Metalized)	Mylar (Metalized)	Mylar (Metalized)	Paper/Mylar/ Paper	Mylar/Foil/ Mylar	Paper/Mylar/ Paper
STANDARD COLORS— Conform to Fed. Std. "595" (Other colors available on special order.)	Black/Silver	Black/Silver	Blue/Silver Red " Green " Gold " Gray " Black "	Blue/Silver Red " Green " Gold " Gray " Black "	Grey	Blue/Silver Green Blue	Blue Green Lt. Brown Dk. Brown
STANDARD LENGTHS AND ROLL DIAMETERS (2" I.D. Cores)	500 Ft. 4⅛" O.D. 1200 Ft. 5½" O.D. 1800 Ft. 7" O.D. 3600 Ft. 9¼" O.D.	2700 Ft. 9" O.D. Full roll fits standard tape reel	500 Ft. 5" O.D. 1200 Ft. 7" O.D. 1800 Ft. 8¾" O.D.	500 Ft. 5½" O.D. 1200 Ft. 7¾" O.D. 1800 Ft. 9½" O.D.	500 Ft. 5⅝" O.D. 1200 Ft. 8¼" O.D.	500 Ft. 5¾" O.D. 1000 Ft. 7¾" O.D. 1200 Ft. 8½" O.D. 1800 Ft. 10¼" O.D.	435 Ft. 6" O.D. 835 Ft. 8" O.D.
PHYSICAL PROPERTIES**							
OPACITY %	95.0	95.0	95.0	95.0	95.0	100.0	100.0
TENSILE STRENGTH (lbs./in.)	40.0	40.0	40.0	50.0	50.0	55.0	65.0
BREAK ELONGATION %	35.0	40.0	115.0	100.0	2.5	100.0	3.0
YIELD POINT (lbs./in.)	18.0	25.0	25.5	30.0	50.0	35.0	60.0
EDGE TEAR (lbs.)	50.0	60.0	75.0	80.0	65.0	80.0	84.0
SHRINKAGE %	0.4	0.3	0.1	0.1	0.1	0.1	0.2

PACKAGING: Sealed in plastic bags. Individually boxed.

*or other suitable polyethylene terephthalate films.
**Values shown are typical, not specification.

*DuPont registered trademark.

LAMCOTE DIVISION ARVEY CORPORATION

3500 N. Kimball Avenue
Chicago, Illinois 60618
(312) 463-1400

300 Communipaw Avenue
Jersey City, New Jersey 07304
(201) 333-5000

since 1905

ALT-100 REV. 7/65